
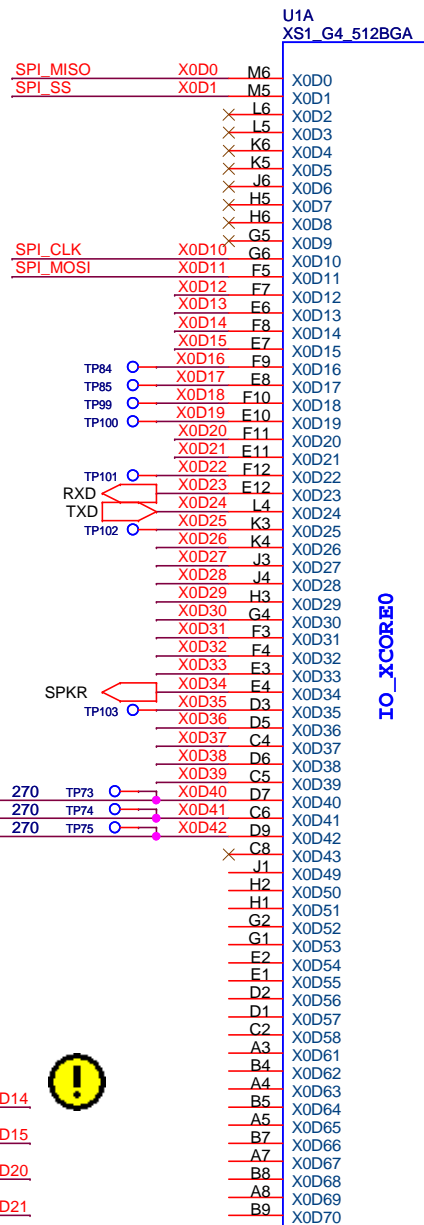
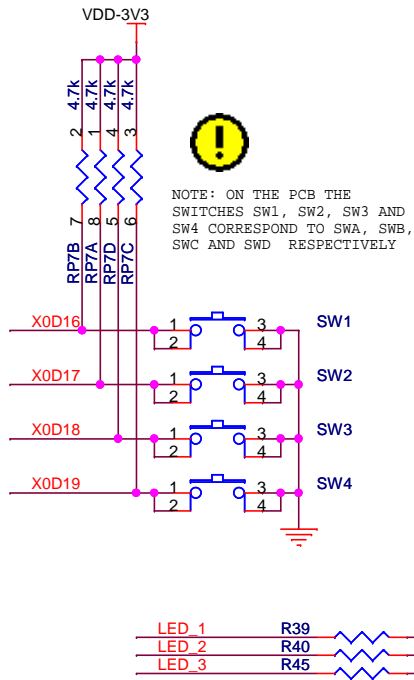


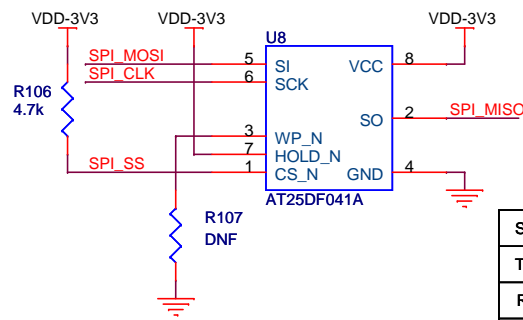
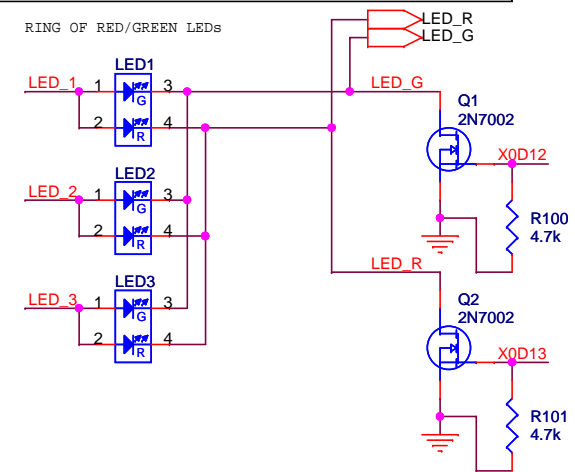
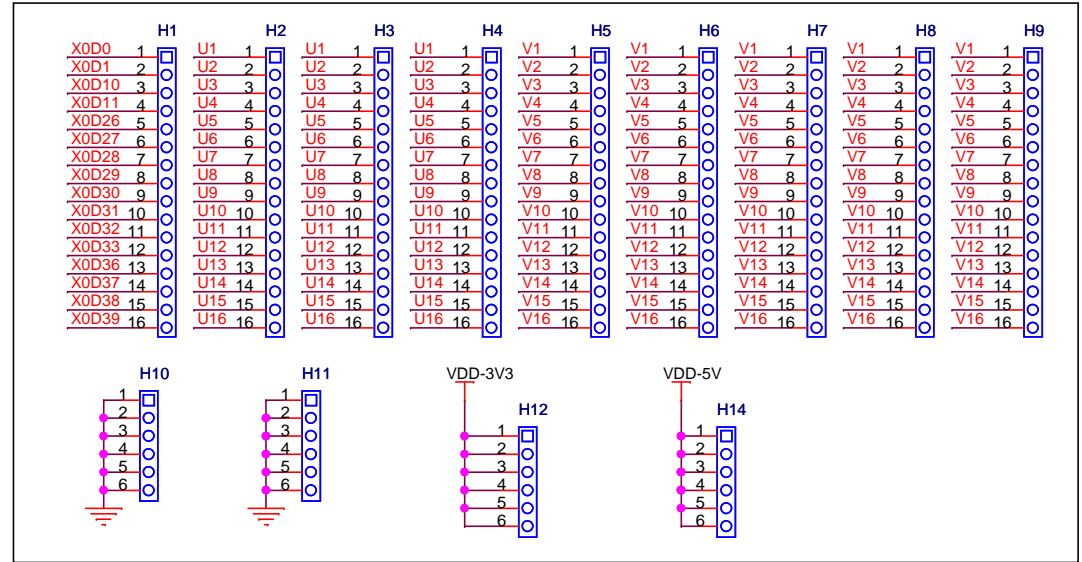
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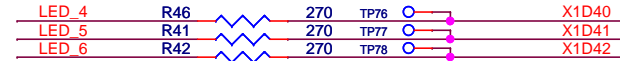
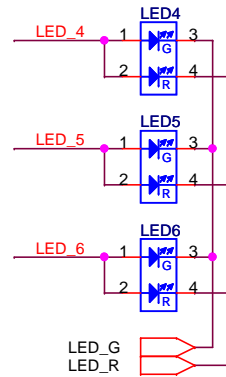
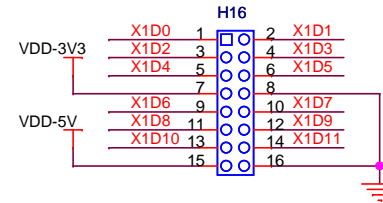
PROTOTYPING AREA

EXPOSE TRACKS HERE FOR EASE OF CUTTING




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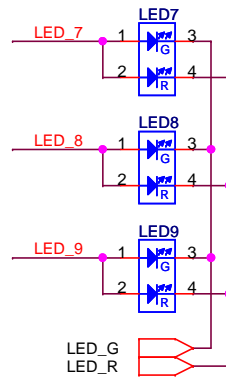
# X1PORTA HEADER



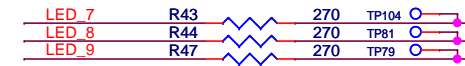
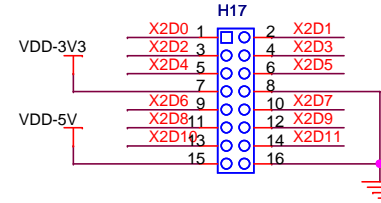
U1B XS1_G4 512BGA		
X1D0	N6	X1D0
X1D1	N5	X1D1
X1D2	P6	X1D2
X1D3	P5	X1D3
X1D4	R6	X1D4
X1D5	R5	X1D5
X1D6	T6	X1D6
X1D7	U5	X1D7
X1D8	U6	X1D8
X1D9	V5	X1D9
X1D10	V6	X1D10
X1D11	W5	X1D11
	W7	X1D12
	Y6	X1D13
	W8	X1D14
	Y7	X1D15
	W9	X1D16
	Y8	X1D17
	W10	X1D18
	Y10	X1D19
	W11	X1D20
	Y11	X1D21
	W12	X1D22
	Y12	X1D23
	P4	X1D24
	R3	X1D25
	R4	X1D26
	T3	X1D27
	T4	X1D28
	U3	X1D29
	V4	X1D30
	W3	X1D31
	W4	X1D32
	Y3	X1D33
	Y4	X1D34
	AA3	X1D35
	AA5	X1D36
	AB4	X1D37
	AA6	X1D38
	AB5	X1D39
	AA7	X1D40
	AB6	X1D41
	AA9	X1D42
	AB8	X1D43
	T1	X1D49
	U2	X1D50
	U1	X1D51
	V2	X1D52
	V1	X1D53
	Y2	X1D54
	Y1	X1D55
	AA2	X1D56
	AA1	X1D57
	AB2	X1D58
	AD3	X1D61
	AC4	X1D62
	AD4	X1D63
	AC5	X1D64
	AD5	X1D65
	AC7	X1D66
	AD7	X1D67
	AC8	X1D68
	AD8	X1D69
	AC9	X1D70

IO\_XCORE1

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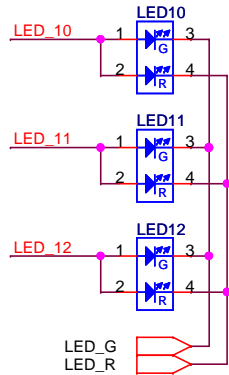


# X2PORTA HEADER

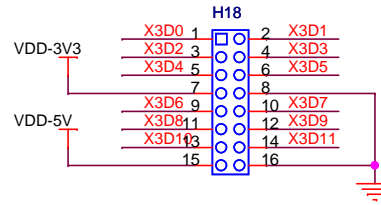


U1C		
XS1_G4_512BGA		
X2D0	N19	X2D0
X2D1	N20	X2D1
X2D2	P19	X2D2
X2D3	P20	X2D3
X2D4	R19	X2D4
X2D5	R20	X2D5
X2D6	T19	X2D6
X2D7	U20	X2D7
X2D8	U19	X2D8
X2D9	V20	X2D9
X2D10	V19	X2D10
X2D11	W20	X2D11
X2D12	W18	X2D12
X2D13	Y19	X2D13
X2D14	W17	X2D14
X2D15	Y18	X2D15
X2D16	W16	X2D16
X2D17	Y17	X2D17
X2D18	W15	X2D18
X2D19	Y15	X2D19
X2D20	W14	X2D20
X2D21	Y14	X2D21
X2D22	W13	X2D22
X2D23	Y13	X2D23
X2D24	P21	X2D24
X2D25	R22	X2D25
X2D26	R21	X2D26
X2D27	T22	X2D27
X2D28	T21	X2D28
X2D29	U22	X2D29
X2D30	V21	X2D30
X2D31	W22	X2D31
X2D32	W21	X2D32
X2D33	Y22	X2D33
X2D34	Y21	X2D34
X2D35	AA22	X2D35
X2D36	AA20	X2D36
X2D37	AB21	X2D37
X2D38	AA19	X2D38
X2D39	AB20	X2D39
X2D40	AA18	X2D40
X2D41	AB19	X2D41
X2D42	AA16	X2D42
X2D43	AB17	X2D43
X2D44	T24	X2D44
X2D45	U23	X2D45
X2D46	U24	X2D46
X2D47	V23	X2D47
X2D48	V24	X2D48
X2D49	Y23	X2D49
X2D50	Y24	X2D50
X2D51	AA23	X2D51
X2D52	AA24	X2D52
X2D53	AB23	X2D53
X2D54	AD22	X2D54
X2D55	AD21	X2D55
X2D56	AC20	X2D56
X2D57	AD20	X2D57
X2D58	AC18	X2D58
X2D59	AD18	X2D59
X2D60	AC17	X2D60
X2D61	AD17	X2D61
X2D62	AC16	X2D62
X2D63		X2D63
X2D64		X2D64
X2D65		X2D65
X2D66		X2D66
X2D67		X2D67
X2D68		X2D68
X2D69		X2D69
X2D70		X2D70

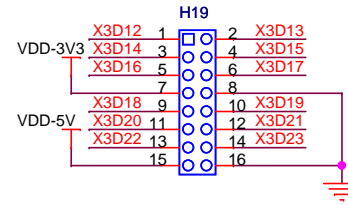
IO\_XCORE2



### X3PORTA HEADER



### X3PORTB HEADER



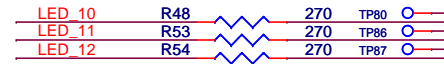
U1G XS1_G4_512BGA			
A9	NC_A9	NC_N1	N1
A11	NC_A11	NC_N2	N2
A12	NC_A12	NC_N3	N3
A13	NC_A13	NC_N4	N4
A14	NC_A14	NC_N21	N21
A16	NC_A16	NC_N22	N22
B3	NC_B3	NC_P1	P1
B11	NC_B11	NC_P2	P2
B12	NC_B12	NC_P22	P22
B13	NC_B13	NC_T2	T2
B14	NC_B14	NC_T23	T23
B22	NC_B22	NC_AA10	AA10
C1	NC_C1	NC_AA11	AA11
C9	NC_C9	NC_AA12	AA12
C10	NC_C10	NC_AA13	AA13
C12	NC_C12	NC_AA14	AA14
C13	NC_C13	NC_AA15	AA15
C15	NC_C15	NC_AB1	AB1
C16	NC_C16	NC_AB9	AB9
C24	NC_C24	NC_AB10	AB10
D10	NC_D10	NC_AB12	AB12
D11	NC_D11	NC_AB13	AB13
D12	NC_D12	NC_AB15	AB15
D13	NC_D13	NC_AB16	AB16
D14	NC_D14	NC_AB24	AB24
D15	NC_D15	NC_AC3	AC3
J2	NC_J2	NC_AC11	AC11
J23	NC_J23	NC_AC12	AC12
L1	NC_L1	NC_AC13	AC13
L2	NC_L2	NC_AC14	AC14
L22	NC_L22	NC_AC22	AC22
M1	NC_M1	NC_AD9	AD9
M2	NC_M2	NC_AD11	AD11
M3	NC_M3	NC_AD12	AD12
M4	NC_M4	NC_AD13	AD13
M21	NC_M21	NC_AD14	AD14
M22	NC_M22	NC_AD16	AD16

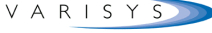
NC PINS

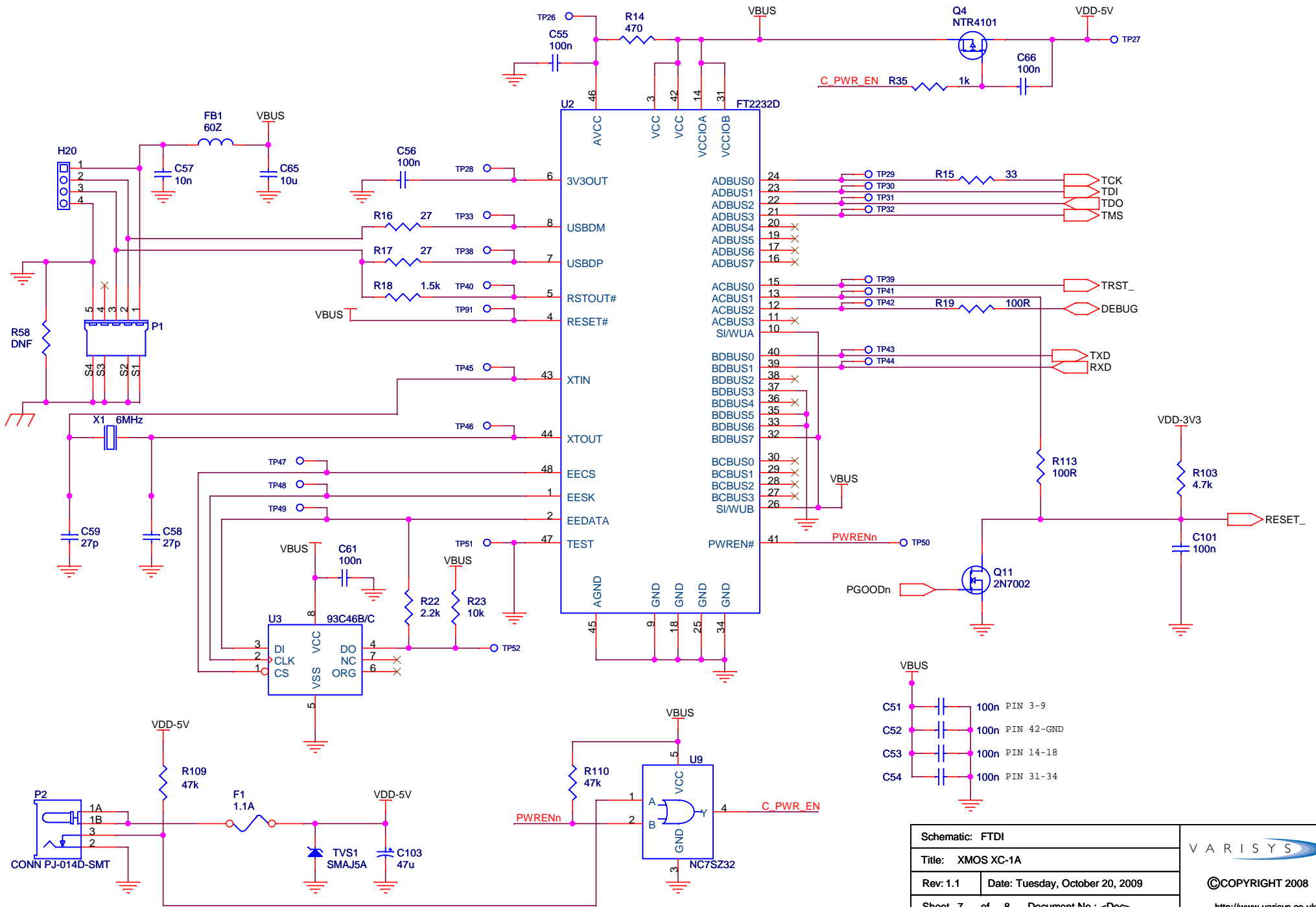
### U1D XS1\_G4\_512BGA


X3D0	M19	X3D0
X3D1	M20	X3D1
X3D2	L19	X3D2
X3D3	L20	X3D3
X3D4	K19	X3D4
X3D5	K20	X3D5
X3D6	J19	X3D6
X3D7	H20	X3D7
X3D8	H19	X3D8
X3D9	G20	X3D9
X3D10	G19	X3D10
X3D11	F20	X3D11
X3D12	F18	X3D12
X3D13	E19	X3D13
X3D14	F17	X3D14
X3D15	E18	X3D15
X3D16	F16	X3D16
X3D17	E17	X3D17
X3D18	F15	X3D18
X3D19	E15	X3D19
X3D20	F14	X3D20
X3D21	E14	X3D21
X3D22	F13	X3D22
X3D23	E13	X3D23
L21	X3D24	
K22	X3D25	
K21	X3D26	
J22	X3D27	
J21	X3D28	
H22	X3D29	
G21	X3D30	
F22	X3D31	
F21	X3D32	
E22	X3D33	
E21	X3D34	
D22	X3D35	
D20	X3D36	
C21	X3D37	
D19	X3D38	
C20	X3D39	
D18	X3D40	
C19	X3D41	
D16	X3D42	
C17	X3D43	
J24	X3D49	
H23	X3D50	
H24	X3D51	
G23	X3D52	
G24	X3D53	
E23	X3D54	
E24	X3D55	
D23	X3D56	
D24	X3D57	
C23	X3D58	
A22	X3D61	
B21	X3D62	
A21	X3D63	
B20	X3D64	
A20	X3D65	
B18	X3D66	
A18	X3D67	
B17	X3D68	
A17	X3D69	
B16	X3D70	

IO\_XCORE3



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